

**Table S1. Description of the PTC cases used for the exon microarray validation study in ECR and non-ECR PTC cases diagnosed <26 years of age.**

Note that in the ECR group PTC samples were derived from patients previously investigated within the initial microarray study (all 13 cases). Non-ECR group comprised from 8 non ECR patients derived from CTB (7 included also in the microarray study) and 6 independent Polish patients <26 years of age at diagnosis, other than used in the QPCR study. For 3 Polish patients the condition to be born after 1/1/1987 was not fulfilled, thus, they should be considered “probably non-ECR”.

	<b>ECR</b>	<b>non-ECR</b>	<b>Statistical comparison</b>
Number	13	14	Not done
Female/male	8/5	12/2	ns
Age at exposition	1.9±1.0	Nd	Nod done
Age at operation	16.7±1.4	15.9±0.9	ns
<b>Histopathology</b>			
Pure classic PTC	1 (8%)	5 (36%)	
PTC follicular variant*	8 (62%)	4 (28.6%)	ns
other	4 (30%)	5 (36%)	
<b>Primary tumour (T stage)</b>			
1	7 (54%)	6 (42.9%)	ns
2	0	2 (14.3%)	
3	6 (46%)	6 (42.9%)	
<b>Lymph nodes (N stage)</b>			
0	4 (31%)	5 (35.7%)	ns
1	9 (69%)	9 (64.3%)	
<b>Distant Metastases (M stage)</b>			
0	10 (77%)	12 (86%)	ns
1	3 (23%)	2 (14%)	

\*samples from CTB described as “PTC with follicular areas” were included here as PTC follicular variant  
Ns - not significant